

Message Text

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ACTION SS-25

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E.O. 11652: XGDS-3

TAGS: PARM, US, UR

SUBJ: TTBT/PNE NEGOTIATIONS: REPORT OF PLENARY MEETING JUNE 30

TTBT/PNE DELEGATION MESSAGE NUMBER FORTY-ONE

1. SUMMARY: MOROKHOV OPENED THE MEETING BY REVIEWING WORK OF EXPERTS GROUPS (WHICH HE SAID LAID BASIS FOR DRAFTING AGREEMENT) AND DRAWING HIS CONCLUSIONS REGARDING SIGNIFICANCE OF THEIR WORK IN TERMS OF APPROACH AND LIMITS SUGGESTED BY SOVIET SIDE. HE SAID USSR READY TO BEGIN DRAFTING, AND URGED US TO JOIN THAT EFFORT. THE ONLY SUBSTANTIVE DIFFERENCE FROM PREVIOUS SOVIET POSITION APPEARS TO BE APPLICATION OF FISSION YIELD LIMIT ONLY TO EXCAVATION EXPLOSIONS WHICH ARE PROPOSED BY THE SOVIETS TO BE EXCEPTIONS (I.E., LARGER THAN) THE AGREED YIELD LIMIT ON INDIVIDUAL EXCAVATION EXPLOSIONS. NORDYKE READ US STATEMENT SUMMARIZING WORK OF WORKING GROUP II. STOESSEL READ SHORT STATEMENT RECORDING UNDERSTANDING OF WORKING GROUP IV THAT RETARCS ARE TO BE CONSIDERED AS CONTAINED EVENT. MOROKHOV SAID SOVIET SIDE HAS NO OBJECTION TO THIS UNDERSTANDING, MAIN STOESSEL STATEMENT REITERATED US POSITION GIVEN PRIVATELY TO MOROKHOV AND TIMERBAEV ON JUNE 25 REGARDING: CRITERIA FOR DEFINING GROUP EXPLOSIONS SUBJECT TO VERIFICATION; MEASUREMENT OF YIELDS FOR SINGLE EXPLOSIONS IN GROUPS; AND MAXIMUM ALLOWABLE AGGREGATE YIELD FOR SUCH GROUP EXPLOSIONS. IT WAS AGREED THAT INFORMA-

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TION EXCHANGE TECHINCAL GROUP WOULD MEET JULY 1. NEXT

PLENARY SCHEDULED FOR 3:00 PM JULY 2. END SUMMARY.

2. MOROKHOV OPENED MEETING BY READING PREPARED STATEMENT WHICH HE CLAIMED WOULD SUMMARIZE WORK OF TECHNICAL WORKING GROUPS AS FOLLOWS:

A. GROUP I - WHEN FULL VOLUME OF INFORMATION DEFINED BY THIS GROUP IS PROVIDED, ACCURACY OF YIELD VERIFICATION BY TELESEISMIC MEANS IN PROXIMITY TO TTBT THRESHOLD IS CLOSE TO ACCURACY OF YIELD VERIFICATION FOR EXPLOSION AT WEAPONS TEST SITES.

B. GROUP II - AGREED IN PRINCIPLE THAT THERE IS A POSSIBILITY OF IDENTIFYING AND DETERMINING THE YIELDS OF INDIVIDUAL EXPLOSIONS IN A GROUP USING OBSERVATION OF GROUND-MOTION IN THE PROXIMATE ZONE.

C. GROUP III - AGREED THAT, ASSUMING VOLUME OF INFORMATION AGREED ON IN GROUP I IS PROVIDED, THE YIELDS OF LINEARLY-ARRAYED EXCAVATION EXPLOSION COULD BE MEASURED TO WITHIN A FACTOR OF 1.5 TO 2.0 DEPENDING ON AVAILABILITY OF APPLICABLE DATA ON CRATERING CHARACTERISTICS.

D. GROUP IV - AGREED THAT IT WOULD BE POSSIBLE TO DETERMINE FISSION YIELD OF EXCAVATION EXPLOSIONS BY TAKING MELT-SAMPLES FROM THE AREA OF THE CRATER AND LIP. IN ADDITION, THERE WAS A COMMON VIEWPOINT ON METHOD OF COLLECTION AND TECHNIQUES FOR PREPARATION AND ANALYSIS OF SAMPLES.

E. GROUP V (PRESUMABLY REFERRING TO THE RECONSTITUTED GROUP I MEETING) AGREED ON IDENTIFICATION OF VARIOUS TYPES OF ROCK IN WHICH PNES MIGHT BE CARRIED OUT.

3. BASED ON THIS SUMMARY OF WORKING GROUPS RESULTS, MOROKHOV WENT ON TO DRAW FOLLOWING CONCLUSIONS.

A. SINCE ACCURACY OF YIELD MEASUREMENT IS CLOSE TO ACCURACY ACHIEVABLE FOR TEST SITES, THERE ARE GROUNDS FOR ESTABLISHING THE YIELD AT THE SAME LEVEL AS FOR THE TTBT, NAMELY 150 KT.

B. SINCE WE HAVE THE POSSIBILITY OF IDENTIFYING THE NUMBER OF EXPLOSIONS IN A CONTAINED GROUP, THE NUMBER IN A GROUP SHOULD NOT BE LIMITED.

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C. WITH REGARD TO EXCAVATION PNES WE TAKE NOTE THAT THE EXPERTS AGREED ON THE POSSIBILITY OF DETERMINING YIELDS BASED ON VISIBLE DETAILS OF CRATERS WITH A HIGH DEGREE OF ACCURACY AND ALSO THAT IT IS POSSIBLE TO RELIABLY DETERMINE THE FISSION YIELD. WE CONSIDER IT IMPORTANT THAT BOTH SIDES SHOULD HAVE THE OPPORTUNITY TO CONDUCT A LIMITED HUNBER OF EXPLOSIONS ABOVE THE AGREED THRESHOLD. WE ARE PREPARED TO CON-

SIDER THE POSSIBILITY OF USING THE CRITERION OF FISSION YIELD WHEN CONDUCTING SUCH POWERFUL EXCAVATION EXPLOSIONS. AT THE SAME TIME WE EXPRESS OUR READINESS IN SUCH CASES TO PROVIDE A LARGE VOLUME OF INFORMATION WHICH WOULD BE REQUIRED AND BELIEVE THAT BOTH SIDES SHOULD HAVE THE RIGHT TO USE ADDITIONAL VERIFICATION PROCEDURES.

D. AS TO AGGREGATE YIELD OF GROUP EXCAVATION EXPLOSIONS, "WE ARE WILLING TO MEET THE US HALF-WAY" AND AGREE TO AN AGGREGATE LIMIT OF 3 MT.

E. AS FOR SENDING REPRESENTATIVES FOR THE PURPOSE OF ADDITIONAL VERIFICATION, WE BELIEVE THEY SHOULD ONLY BE ALLOWED FOR EXPLOSIONS CLOSE TO THE THRESHOLD YIELD. FOR SUCH CASES THE SIDE CARRYING OUT THE EXPLOSION WOULD INVITE THE REPRESENTATIVE.

4. MOROKHOV THEN REITERATED THE SOVIET BELIEF THAT WE SHOULD NOW PROCEED WITH PREPARATION OF A SPECIFIC AGREEMENT. THERE MAY BE A NEED FOR FURTHER WORK BY THE EXPERTS' GROUPS AND THEY CAN BE RECALLED AS NECESSARY. IN PARTICULAR, THE EXPERTS MAY NEED TO DO FURTHER WORK ON THE VOLUME OF INFORMATION NEEDED. MOROKHOV NOTED THAT ANY SUCH AGREEMENT MUST CONTAIN PROVISIONS FOR COOPERATION, NOT ONLY TO ASSIST IN A NUMBER OF POTENTIAL PROBLEMS RELATED TO THIS PNE AGREEMENT, BUT ALSO TO FULFILL OUR OBLIGATIONS IN ARTICLE V OF THE NPT. HE ALSO CALLED FOR ANY AGREEMENT TO REEMPHASIZE THE PARTIES' INTENTIONS TO OBSERVE THEIR OBLIGATIONS TO ARTICLE V OF NPT AND THE LTBT.

5. NORDYKE READ STATEMENT SUMMARIZING WORK ACCOMPLISHED BY GROUP II. RODIONOV STATED HIS CONCURRENCE IN THE
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IDEA EXPRESSED WITH SOME DIFFERENCES IN WORDING.

6. STOESSEL THEN READ THE FOLLOWING PARAPHRASE:

" IN OUR REVIEW OF THE REPORT OF GROUP IV WE NOTE THAT THE REPORT DID NOT MENTION CONCLUSIONS CONCERNING RETARC EXPLOSIONS. AS WE UNDERSTAND IT, THE EXPERTS AGREED THAT RETARC EXPLOSIONS SHOULD BE CONSIDERED TO BE CONTAINED EXPLOSIONS FOR THE PURPOSES OF THE PNE AGREEMENT WE ARE STRIVING TO CONSTRUCT. WE WISH TO RECORD THAT UNDERSTANDING."

AFTER A PREGNANT PAUSE, MOROKHOV INDICATED CONCURRENCE WITH THE ABOVE STATEMENT.

7. STOESSEL THEN STATED THAT THERE IS A NEED FOR CONTINUED DISCUSSION OF FULL LIST OF INFORMATION EXCHANGE

AND SUGGESTED MEETING JULY 1 WITH FRYKLUND AS HEAD OF US GROUP. MOROKHOV AGREED AND SAID SOVIET SIDE WOULD BE REPRESENTED BY BEZUMOV AND, HOPEFULLY, SAFRONOV, "IF HE RETURNS BY THEN."

8. STOESSEL EAD PREPARED STATEMENT SUMMARIZING US VIEWS REGARDING: CRITERIA FOR GROUPS; US PROPOSALS FOR MEASUREMENT OF INDIVIDUAL YIELDS; AND AGGREGATE YIELD LIMIT. THIS STATEMENT WAS SIMILAR TO CONTAINED-GROUP PROTION OF STATEMENT READ TO MOROKHOV, TIMERBAEV AND SAFRONOV IN RESTRICTED MEETING JUNE 25.

9. FROM THEIR BEHAVIOR AT THE TABLE, IT SEEMS PROBABLE THAT MYASNIKOV AND BEZUMOV HAD NOT BEEN TOLD WHAT WAS SAID BY US SIDE JUNE 25 CONCERNING CONTAINED GROUP EXPLOSIONS. AFTER PLENARY, SOVIET INTERPRETER ASKED IF HE COULD SEE STATEMENT TEXT TOMORROW TO BE SURE HIS NOTES WERE CORRECT.

10. REFERENCE GENEVA 4870 PARA 1, DELEGATION WOULD APPRECIATE TRANSMITTAL TEXT OF US WORKING PAPER ON ARMS CONTROL IMPLICATIONS OF PEACEFUL NUCLEAR EXPLOSIONS.

11. REFERENCE STATE 152574 PARA 6, DELEGATIONS INTENDS TO USE PHOTOS AT PLENARY ON JULY 2 AND WILL ALMOST
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SURELY BE ASKED FOR COPIES OF PHOTOS BY SOVIET SIDE.
PLEASE ADVISE ASAP.
STOESSEL

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